 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. DEXCOM.007A	APPLICATION NO. 09/916,711
	APPLICANT Rhodes, et al.	
	FILING DATE July 27, 2001	GROUP 2856

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>m</i>	1	6,001,067	12/14/99	Schults, et al.			
	2	5,384,028	1/24/95	Narushi			
	3	6,119,028	9/12/00	Schulman, et al.			
	4	5,791,344	9/11/98	Lucisano, et al.			
	5	5,575,930	11/19/96	Tietje-Girault, et al.			
<i>m</i>	6	5,683,562	11/2/97	Schaffar, et al.			
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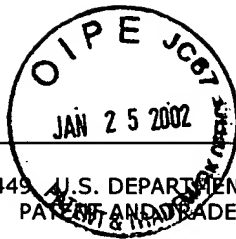
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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<i>m</i>	11	WO0059373	10/12/00	PCT				X
	12							
	13							
	14							
	15							
	16							

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
<i>m</i>	17	PCT International Search Report for PCT/US02/23903
	18	
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EXAMINER	<i>NK SSR</i>	DATE CONSIDERED	<i>9/16/03</i>
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(Rev. 2-32) PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
1146-8SERIAL NO.
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STATEMENT BY APPLICANTAPPLICANT
R. Rhodes et al.CONFIRMATION NO.
8240

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July 27, 2001GROUP
2856

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
M	4,353,888	10/12/82	Sefton			
	4,431,004	02/14/84	Bessman et al.			
	4,436,094	03/13/84	Cerami			
	4,453,537	06/12/84	Spitzer			
	4,484,987	11/27/84	Gough			
	4,686,044	08/11/87	Behnke et al.			
	4,703,756	11/03/87	Gough et al.			
	4,757,022	07/12/88	Shults et al.			
	4,759,828	07/26/88	Young et al.			
	4,787,398	11/29/88	Garcia et al.			
	4,803,243	02/07/89	Fujimoto et al.			
	4,823,808	04/25/89	Clegg et al.			
	4,890,620	01/02/90	Gough			
	4,902,294	02/20/90	Gosserez			
	4,994,167	02/19/91	Shults et al.			
	5,165,407	11/24/92	Wilson et al.			
	5,190,041	03/02/93	Palti			
	5,314,471	05/24/94	Brauker et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
m	5,321,414	06/14/94	Alden et al.	7	1	
	5,322,063	06/21/94	Allen et al.	1	1	
	5,344,454	09/06/94	Clarke et al.	1	1	
	5,380,536	01/10/95	Hubbell et al.	1	1	
	5,390,671	02/21/95	Lord et al.	1	1	
	5,391,250	02/21/95	Cheney, II et al.	1	1	
	5,417,395	05/23/95	Fowler et al.	1	1	
	5,421,923	06/06/95	Clarke et al.	1	1	
	5,431,160	07/11/95	Wilkins	1	1	
	5,453,278	09/26/95	Chan et al.	1	1	
	5,462,064	10/31/95	D'Angelo et al.	1	1	
	5,469,846	11/28/95	Khan	1	1	
	5,476,094	12/19/95	Allen et al.	1	1	
	5,497,772	03/12/96	Schulman et al.	1	1	
	5,538,511	07/23/96	Van Antwerp	1	1	
	5,545,223	08/13/96	Neuenfeldt et al.	1	1	
	5,549,675	08/23/96	Neuenfeldt et al.	1	1	
m	5,569,186	10/29/96	Lord et al.	1	1	

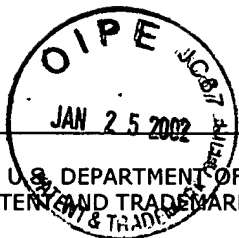
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
N	5,569,462	10/29/96	Martinson et al.			
	5,578,463	11/26/96	Berka et al.			
	5,593,440	01/14/97	Brauker et al.			
	5,653,756	08/05/97	Clarke et al.			
	5,660,163	08/26/97	Schulman et al.			
	5,713,888	02/03/98	Neuenfeldt et al.			
	5,733,336	03/31/98	Neuenfeldt et al.			
	5,741,330	04/21/98	Brauker et al.			
	5,777,060	07/07/98	Van Antwerp			
	5,782,912	07/21/98	Brauker et al.			
	5,800,529	09/01/98	Brauker et al.			
	5,807,406	09/15/98	Brauker et al.			
	5,882,354	03/16/99	Brauker et al.			
	5,882,494	03/16/99	Van Antwerp			
	5,964,261	10/12/99	Neuenfeldt et al.			
	5,985,129	11/16/99	Gough et al.			
	6,001,067	12/14/99	Shults et al.			
	6,122,536	09/19/00	Sun et al			

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m	6,144,869	11/07/00	Berner et al.			
	6,175,752	01/16/01	Say et al.			
	6,180,416	01/30/01	Kurnik et al.			
	6,200,772	03/13/01	Vadgama et al.			
	6,201,980	03/13/01	Darrow et al.			
	6,208,894	03/27/01	Schulman et al.			
	6,212,416	04/03/01	Ward et al.			
	6,223,080	04/24/01	Thompson			
	6,223,083	04/24/01	Rosar			
	6,230,059	05/08/01	Duffin			
	6,233,471	05/15/01	Berner et al.			
	6,254,586	07/03/01	Mann et al.			
	6,256,522	07/03/01	Schultz			
	6,259,937	07/10/01	Schulman et al.			
	6,272,364	08/07/01	Kurnik			
	6,272,382	08/07/01	Faltys et al.			
	6,299,578	10/09/01	Kurnik et al.			
	6,309,351	10/30/01	Kurnik et al.			

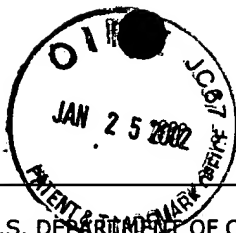
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
M	6,326,160	12/04/01	Dunn et al.			
m	6,329,161	12/11/01	Heller et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
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m	WO 90/00738	01/25/90	PCT				
	WO 92/07525	05/14/92	PCT				
	WO 92/13271	08/06/92	PCT				
	WO 93/19701	10/14/93	PCT				
	WO 94/22367	10/13/94	PCT				
	WO 96/01611	01/25/96	PCT				
	WO 96/32076	10/17/96	PCT				
	WO 96/36296	11/21/96	PCT				
	WO 01/20019	03/22/01	PCT				
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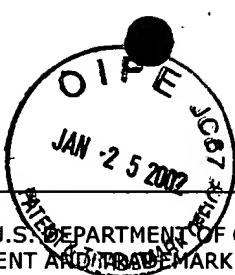
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							TRANSLATION
✓		WO 01/68901	09/20/01	PCT	✓		
		WO 01/69222	09/20/01	PCT	✓		
		WO 01/88524	11/22/01	PCT	✓		
~		WO 01/88534	11/22/01	PCT	✓		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓		Updike et al., "Laboratory Evaluation of New Reusable Blood Glucose Sensor," <i>Diabetes Care</i> , 11:801-807 (1988).
		Moatti-Sirat et al., "Towards Continuous Glucose Monitoring: In Vivo Evaluation of a Miniaturized Glucose Sensor Implanted for Several Days in Rat Subcutaneous Tissue," <i>Diabetologia</i> 35:224-30 (1992).
		Armour et al., "Application of Chronic Intravascular Blood Glucose Sensor in Dogs," <i>Diabetes</i> 39:1519-26 (1990).
		Woodward, "How Fibroblasts and Giant Cells Encapsulate Implants: Considerations in Design of Glucose Sensor," <i>Diabetes Care</i> 5:278-281 (1982).
		Bindra et al., "Design and In Vitro Studies of a Needle-Type Glucose Sensor for Subcutaneous Monitoring," <i>Anal. Chem.</i> 63:1692-96 (1991).
~		Shults et al., "A Telemetry-Instrumentation System for Monitoring Multiple Subcutaneously Implanted Glucose Sensors," <i>IEEE Trans, Biomed. Eng.</i> 41:937-942 (1994).

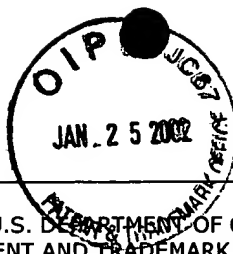
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A		Phillips and Smith, "Biomedical Applications of Polyurethanes: Implications of Failure Mechanisms," <i>J. Biomat. Appl.</i> 3:202-227 (1988).
		Stokes, "Polyether Polyurethanes: Biostable or Not?," <i>J. Biomat. Appl.</i> 3:228-259 (1988).
		Udike et al., "Enzymatic Glucose Sensors: Improved Long-Term Performance In Vitro and In Vivo," <i>Am.Soc. Artificial Internal Organs</i> 40:157-163 (1994).
		Udike et al., "Implanting the Glucose Enzyme Electrode: Problems, Progress, and Alternative Solutions," <i>Diabetes Care</i> 5:207-21 (1982).
		Rhodes et al., "Prediction of Pocket-Portable and Implantable Glucose Enzyme Electrode Performance from Combined Species Permeability and Digital Simulation Analysis," <i>Anal. Chem.</i> 66:1520-1529 (1994).
		Tse and Gough, "Time-Dependent Inactivation of Immobilized Glucose Oxidase and Catalase," <i>Biotechnol. Bioeng.</i> 29:705-713 (1987).
		Gilligan et al., "Evaluation of a Subcutaneous Glucose Sensor Out to 3 Months in a Dog Model," <i>Diabetes Care</i> 17:882-887 (1994).
		McKean and Gough, "A Telemetry-Instrumentation System for Chronically Implanted Glucose and Oxygen Sensors," <i>IEEE Trans. Biomed. Eng.</i> 35:526-532 (1988).
		Shichiri et al., "Telemetry Glucose Monitoring Device with Needle-Type Glucose Sensor - A Useful Tool for Blood Glucose Monitoring in Diabetic Individuals," <i>Diabetes Care</i> 9:298-301 (1986).
B		Lyman, "Polyurethanes. I. The Solution Polymerization of Diisocyanates with Ethylene Glycol," <i>J. Polymer Sci.</i> 45:49 (1960).

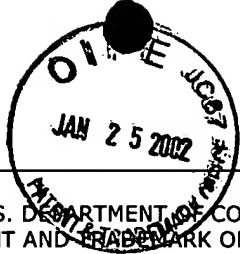
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

M		DuPont ¹ Dimension AR [®] (Catalog).
		Direct 30/30 [®] meter (Markwell Medical) (Catalog).
		Fischer et al., "Oxygen Tension at the Subcutaneous Implantation Site of Glucose Sensors," <i>Biomed. Biochem.</i> 11/12, 965-972 (1989).
		Brauker et al., "Neovascularization of Synthetic Membranes Directed by Membrane Microarchitecture," <i>Journal of Biomedical Materials Research</i> 29:1517 (1995).
		Abstract presented by James Brauker, Ph.D., "Neovascularization of Cell Transplantation Devices: Membrane Architecture-Driven and Implanted Tissue-Driven Vascularization," Baxter Healthcare Corp.
		Brauker et al., "Local Inflammatory Response Around Diffusion Chambers Containing Xenografts", <i>Transplantation</i> , Vol. 61, 1671-1677, No. 12, June 27, 1996.

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